information on patent family members

nal Application No PCT/EP 00/06103

| Patent document cited in search report | Publication date | Patent family<br>member(s)                                                                                                                         | Publication<br>date                                                                                                                                    |
|----------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| WO 9533846 A                           | 14-12-1995       | AU 2943695 A EP 0695941 A EP 0764214 A JP 8166387 A JP 10505410 T US 5945334 A US 6140044 A                                                        | 04-01-1996<br>07-02-1996<br>26-03-1997<br>25-06-1996<br>26-05-1998<br>31-08-1999<br>31-10-2000                                                         |
| EP 0840113 A                           | 06-05-1998       | JP 3077609 B<br>JP 10132783 A<br>US 6042708 A                                                                                                      | 14-08-2000<br>22-05-1998<br>28-03-2000                                                                                                                 |
| WO 9909042 A                           | 25-02-1999       | AU 8906698 A<br>EP 1003759 A<br>AU 1947299 A<br>EP 1042061 A<br>WO 9933559 A                                                                       | 08-03-1999<br>31-05-2000<br>19-07-1999<br>11-10-2000<br>08-07-1999                                                                                     |
| US 5856174 A                           | 05-01-1999       | AU 6404996 A<br>EP 0843734 A<br>JP 11509094 T<br>WO 9702357 A<br>US 6043080 A<br>US 5922591 A                                                      | 05-02-1997<br>27-05-1998<br>17-08-1999<br>23-01-1997<br>28-03-2000<br>13-07-1999                                                                       |
| DE 19940750 A                          | 21-06-2000       | AU 5625399 A AU 5742499 A AU 5971399 A DE 19940749 A DE 19940751 A DE 19940752 A DE 19940810 A WO 0012123 A WO 0013017 A WO 0013018 A WO 0049142 A | 21-03-2000<br>21-03-2000<br>21-03-2000<br>18-05-2000<br>02-03-2000<br>27-04-2000<br>11-05-2000<br>09-03-2000<br>09-03-2000<br>09-03-2000<br>24-08-2000 |
| DE 19950225 A                          | 18-05-2000       | WO 0025171 A<br>EP 1049952 A                                                                                                                       | 04-05-2000<br>08-11-2000                                                                                                                               |



Inter anal Application No PCT/EP 00/06103

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01L3/00 //C12Q1/68,B01J19/00,G01N21/64,G01N33/552

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Relevant to claim No. |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Y</b>   | WO 95 33846 A (AFFYMAX TECH NV; GOSS VIRGINIA W (US); WINKLER JAMES L (US); BESEM) 14 December 1995 (1995-12-14) page 2, line 13 -page 3, line 3 page 6, line 3 -page 7, line 12 page 8, line 27 -page 11, line 9 page 11, line 29 -page 11, line 37 page 14, line 36 -page 14, line 43 page 13, line 10 -page 13, line 27 page 18, line 32 -page 18, line 37 page 21, line 38 -page 22, line 7 page 22, line 23 -page 23, line 9 page 23, line 20 -page 23, line 26 page 24, line 5 -page 24, line 28 page 25, line 2 -page 26, line 16 figures 27,1-7 | 1,4,9,12              |

| <ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul> | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of the actual completion of the international search                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date of mailing of the international search report                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 16 January 2001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8 November 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Authorized officer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Koch, A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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| C./Continu | ation) DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Relevant to claim No. |
| Y          | EP 0 840 113 A (SHIMADZU CORP) 6 May 1998 (1998-05-06) page 2, paragraph 1 page 3, line 21 -page 3, line 46 page 4, line 54 -page 5, line 9 page 5, line 20 -page 5, line 33 figures 1,2                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1,4,9,12              |
| A          | W0 99 09042 A (CEPHEID) 25 February 1999 (1999-02-25) page 6, line 30 -page 7, line 19 page 9, line 34 -page 9, line 37 page 20, line 8 -page 21, line 9 page 24, line 21 -page 25, line 13 page 26, line 11 -page 27, line 31 page 29, line 23 -page 30, line 15 page 41, line 21 -page 42, line 17 page 43, line 23 -page 44, line 11 figures 1-13                                                                                                                                                                                                                                                                          | 1,3-7                 |
| <b>A</b>   | US 5 856 174 A (FODOR STEPHEN P A ET AL) 5 January 1999 (1999-01-05) column 2, line 20 -column 2, line 34 column 2, line 48 -column 2, line 57 column 3, paragraphs 1,2 column 10, line 53 -column 11, line 64 column 15, line 9 -column 15, line 48 column 16, line 43 -column 17, line 16 column 17, line 66 -column 18, line 4 column 18, line 26 -column 18, line 62 column 19, line 16 -column 19, line 29 column 19, line 59 -column 20, line 14 coTumn 21, line 26 -column 21, line 41 column 23, line 38 -column 24, line 10 column 24, line 53 -column 25, line 6 column 25, line 42 -column 26, line 15 figures 1-7 | 1,3,9,12              |
| P,A        | DE 199 40 750 A (FEBIT FERRARIUS BIOTECHNOLOGY) 21 June 2000 (2000-06-21) column 2, line 50 -column 2, line 59 column 3, line 61 -column 4, line 22 column 4, line 33 -column 5, line 17 column 6, line 24 -column 6, line 39 column 13, line 21 -column 13, line 63 column 16, line 52 -column 17, line 10 column 18, line 12 -column 18, line 20 figures 1-3                                                                                                                                                                                                                                                                | 1,6,7                 |
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PCT/EP 00/06103

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|                       | ation) DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                 | Relevant to claim No. |
| Category <sup>a</sup> | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                         | Aelevant to claim No. |
| P,A                   | DE 199 50 225 A (LEICA MICROSYSTEMS HEIDELBERG) 18 May 2000 (2000-05-18) column 1, line 3 -column 1, line 19 column 3, line 18 -column 3, line 50 column 3, line 61 -column 4, line 35 column 5, line 68 -column 6, line 13 figures 2,9,10 | 1,6                   |
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